U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY

NOTES ON BAS

This photomosaic was created by merging two global digital image models (DIM's) of Mars—a medium resolution monochrome mosaic processed to emphasize topographic features and a lower resolution color mosaic emphasizing color and albedo variations.

tomain code mission empiricasing coor and assect to the control of the probability. The medium-resolution II/255' or roughly 23.1 per pixel monochromatic image model (Baston an Elizan, 1999) was constructed from about 6.00 images with resolutions of 150-350 m/pixel an elizan, 1999) was constructed from about 6.00 images with resolutions of 150-350 m/pixel and collapse illumination (Sun 201-45' boow the hor zon). (Many of these images were about used in the diphotomosis series and the 15,000,000 ph tomosiscs, which the present product supersedes Comentric control of the medium-resolution (Sometim Control of the medium-resolution work by Wan and Schafe (1994), which was based on a refined topographic control nearly was a series of the series of the work of the work

filter mosaics. Finally, the product seen here we obtained by multiplying each color image by the medium-resolution monochrome image.

The color balance selected for images in this may series was designed to be close to natural color for brighter, redder regions, such as Arabia Terra an the Thansis region, but the data have been stretches on that the relatively dark regions appear darke and less sed than they actually are.

NOMENCLATURE

AC-30: Abbreviation for Mars Chart 30, 4 5M -90/0 CCM: Abbreviation for Mars, 1:5,000,000 series; center of sheet, lat 90° S, long 0°; controlled color photomosaic (CCM).

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